

1. Formulation for treating obesity and associated metabolic syndrome, comprising a combination of vegetable extracts, characterized in that it consists of:

- a) 20-90% wt. of Green tea extract, containing more than 70 % of catechines, preferably containing Epigallocatechin galate (EGCG),
- b) 2-30 % wt. of *Coleus forskholii* extract, containing at least 10 % of diterpene forskolin,
- c) 5-58 % wt. of Yerba Maté extract, containing 2-4 % of caffeine and caffeoylquinic acids (CGA),
- d) 7.5-45 wt. of *Betula alba* extract containing at most 3% of flavonides.

2. Formulation according to claim 1, characterized in that it further comprises an effective amount of vegetable extract of white kidney beans (*Phaseolus Vulgaris*).

3. Formulation according to claim 1 or 2, characterized in that Green tea extract is an extract obtained by water and/or ethyl acetate and water extraction in low temperature under reduced pressure.

4. Formulation according to claim 1 or 2, characterized in that Green tea extract is an extract obtained by alcohol extraction or extraction conducted in the presence of fat solvents for example selected from a group consisting of: methanol-chloroform mixture, alcohol ethers and detergents, in low temperature under reduced pressure.

5. Formulation according to claim 3 or 4, characterized in that Green tea extract comprises at least 30 % of EGCG

6. Formulation according to claim 3 or 4, characterized in that Green tea extract comprises at least 50 % of EGCG

7. Formulation according to claim 3 or 4, characterized in that Green tea extract comprises at least 80 % of EGCG

8. Formulation according to any of the claims 1-7, characterized in that it further comprises non-active excipients or fillers selected from a group consisting of: silicon dioxide, magnesium stearate, laurylsulphate, other surfactants for example selected from a group consisting of: sodium carboxymethylcellulose, hydroxypropylmethyl cellulose and microcrystalline cellulose, anti-caking agents such as dicalcium phosphate; and materials forming the shell of the capsule.

9. Formulation for treating obesity and associated metabolic syndrome, comprising a combination of selected vegetable extracts, characterized in that it consists of:

- a) 20-80% wt. of Green tea extract, containing more than 70 % of catechines, preferably containing Epigallocatechin galate (EGCG),
- b) 2-30 % wt. of *Coleus forskholii* extract, containing at least 10 % of diterpene forskolin.
- c) 5-50 % wt. of Guarana extract, containing more than 8 % of caffeine and caffeine-like polyphenoles (chlorogenic acids - CGA)
- d) 7.5-45 % wt. of *Betula alba* extract containing at most 3% of flavonides.

10. Formulation according to claim 9, characterized in that it further comprises an effective amount of vegetable extract of white kidney beans (*Phaseolus Vulgaris*).

11. Formulation according to claim 9 or 10, characterized in that Green tea extract is an extract obtained by water and/or ethyl acetate and water extraction in low temperature under reduced pressure.

12. Formulation according to claim 9 or 10, characterized in that Green tea extract is an extract obtained by alcohol extraction or extraction conducted in the presence of fat solvents for example selected from a group consisting of: methanol-chloroform mixture, alcohol ethers and detergents, in low temperature under reduced pressure.

13. Formulation according to claim 11 or 12, characterized in that Green tea extract comprises at least 30 % of EGCG

14. Formulation according to claim 11 or 12, characterized in that Green tea extract comprises at least 50 % of EGCG

15. Formulation according to claim 11 or 12, characterized in that Green tea extract comprises at least 80 % of EGCG

16. Formulation according to any of the claims 9-15, characterized in that it further comprises non-active excipients or fillers selected from a group consisting of silicon dioxide, magnesium stearate, laurylsulphate, other surfactants for example selected from a group consisting of: sodium carboxymethylcellulose, hydroxypropylmethyl cellulose and microcrystalline cellulose, anti-caking agents such as dicalcium phosphate; and materials forming the shell of the capsule.